

Amendments to the claims:

1. (Currently Amended) A library of nucleic acid constructs, each construct comprising:
a cis element sequence comprising one or more copies of a cis element to which a transcription factor is known to bind, the cis element sequence varying within the library of nucleic acid constructs;
a promoter sequence 3' relative to the cis element sequence; and
a reporter sequence ~~that is~~ 3' relative to the promoter sequence ~~and comprises, the~~
reporter sequence comprising a variable sequence that varies within the library of nucleic acid constructs;
wherein each cis element sequence corresponds to a given reporter sequence within the library of nucleic acid constructs.
2. (Original) A library according to claim 1 wherein the reporter sequences comprise priming sequences 5' and 3' relative to the variable sequences.
3. (Original) A library according to claim 2 wherein the 5' and 3' priming sequences are conserved within the library.
4. (Original) A library according to claim 1 wherein the library comprises at least 10 different cis elements.
5. (Original) A library according to claim 1 wherein the library comprises at least 20 different cis elements.
6. (Original) A library according to claim 1 wherein the library comprises at least 50 different cis elements.
7. (Original) A library according to claim 1 wherein the library comprises at least 100 different cis elements.
8. (Original) A library according to claim 1 wherein the cis element sequence comprises at least two copies of the cis element.

9. (Original) A library according to claim 1 wherein the cis element sequence comprises at least three copies of the cis element.
10. (Original) A library according to claim 1 wherein the cis element sequence comprises at least four copies of the cis element.
11. (Original) A library according to claim 1 wherein an individual copy of the cis element has a length between about 5 and 100 base pairs.
12. (Original) A library according to claim 1 wherein an individual copy of the cis element has a length between about 5 and 75 base pairs.
13. (Original) A library according to claim 1 wherein an individual copy of the cis element has a length between about 5 and 50 base pairs.
14. (Original) A library according to claim 1 wherein the variable sequence of the reporter sequence is at least 15 bases in length.
15. (Original) A library according to claim 1 wherein the variable sequence of the reporter sequence is at least 25 bases in length.
16. (Original) A library according to claim 1 wherein the variable sequence of the reporter sequence is at least 50 bases in length.
17. (Original) A library according to claim 1 wherein the variable sequence of the reporter sequence is between 15 and 2000 bases in length.
18. (Original) A library according to claim 1 wherein the variable sequence of the reporter sequence is between 25 and 2000 bases in length.
19. (Original) A library according to claim 1 wherein the variable sequence of the reporter sequence is between 50 and 2000 bases in length.

20. (Original) A library according to claim 1 wherein the different reporter sequences encode different reporter proteins.

21. (Original) library according to claim 20 wherein the reporter sequence is in an open reading frame relative to the promoter sequence.

22. (Original) A library according to claim 21 wherein the reporter sequence comprises a stop codon 3' relative to sequence encoding reporter protein.

23-80. (Canceled)